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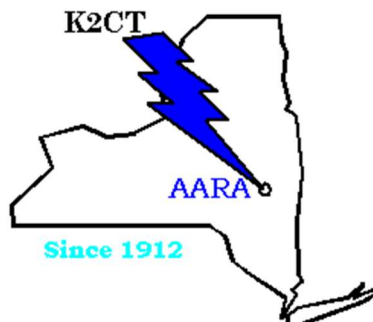
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B-PLUS MARCH 2019

AARA Meeting
This month 3rd Friday
Friday, MAR. 8, 2019

Bethlehem Town Hall
445 Delaware Ave.
Delmar, NY 12054

Social Hour 6:50PM

Refreshments
soda, coffee, water, cookies

AARA March Meeting

1. Bud, WF2B, will present slides on:
AARA 2018 FD
K2ONP Shack Photos
K2EP Shack Photos
K2XF Shack Photos
2. Jerry, WA2IWW, will present
a program on
"Combating Spoofed Robocalls with
Caller ID Authentication"

Please **PAY** your Dues.

AARA Dues

Dues cheerfully accepted,
Dues are \$20.

B-PLUS Newsletter sent via the
K2CT Web page in .pdf format

Checks should be made out to
AARA and sent to:

Saul Abrams, K2XA
307 Maple Rd.
Slingerlands, NY 12159

www.k2ct.org

Bethlehem Town Hall
LAT 42°37'12.8"N
LONG 73°50'25.4"W

AARA April Dinner

Fri. 12 April 2019

Salty's Pub 6 PM CASH BAR

215 Guideboard Rd, Clifton Park, NY 12065

Cup Chef's Soup of the Day

Garden Salad

Fresh Seasonal Greens, Cherry Tomatoes,
Shredded Carrots and Sliced Cucumbers with Vinaigrette Dressing

COUNTRY ROTISSIERIE CHICKEN \$31.50

Half chicken slow roasted with fresh herbs and natural juices
Served with Garlic Smashed potatoes and Grill Vegetables

BEEF WELLINGTON \$40.75

Classically Prepared Tenderloin of Beef with a
Wild Mushroom duxelle Roasted in Puff Pastry
Served over Lyonnaise potatoes

FILLET OF SALMON & Crab \$41.00

Wood Grilled and served with a Fresh Mango and cilantro salsa.
Served over Black Asian Rice

ROASTED BUTTERNUT & VEGETABLE RAVIOLI \$35.00

Tossed with Roasted Shallots, Snow Peas
Root Vegetables, White Mushrooms, and Grilled Summer Squash

Italian Bread & Creamy butter

Triple Chocolate Cake

Coffee, Tea, or Decaffeinated Coffee

CASH BAR

Dinner price includes 7% tax and 18% gratuity
Payment is requested when making your reservation.
Reservations will not be final until payment is received.
Cash is always cheerfully accepted.

Checks should be made out to "Gerald Murray".
Those who need to mail checks should send them to:

Gerald Murray
220 Lenox Ave
Albany, NY 12208-1408

Checks must be received and cleared by April 9.

ARRL Hudson Division

We are very pleased to announce that Saul Abrams, K2XA has been appointed as the new DXAC representative for the Hudson Division. A resident of Slingerlands, NY in the ENY section, Saul is a passionate DXer and contester and currently has 358 countries confirmed (including deleted) and is on DXCC Honor roll. Welcome, Saul!



New episode of ARRL Audio News

March - Listen to the new episode of ARRL Audio News on your iOS or Android podcast app, or online at <http://www.blubrry.com/arrlaudionews/>. Audio News is also re-

transmitted on a number of FM repeaters.

Contesting **March 2019**

ARRL Inter. DX Contest, SSB	0000Z, Mar 2 to 2400Z, Mar 3
Wake-Up! QRP Sprint	0600Z-0800Z, Mar 2
Open Ukraine RTTY Championship	1800Z, Mar 2 to 1359Z, Mar 3
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 3
ARS Spartan Sprint	0200Z-0400Z, Mar 5
AGCW YL-CW Party	1900Z-2100Z, Mar 5
RSGB Commonwealth Contest	1000Z, Mar 9 to 1000Z, Mar 10
SKCC Weekend Sprintathon	1200Z, Mar 9 to 2359Z, Mar 10
AGCW QRP Contest	1400Z-2000Z, Mar 9
Oklahoma QSO Party	1500Z, Mar 9 to 2100Z, Mar 10
EA PSK63 Contest	1600Z, Mar 9 to 1600Z, Mar 10
QCWA QSO Party	1800Z, Mar 9 to 1800Z, Mar 10
Idaho QSO Party	1900Z, Mar 9 to 1900Z, Mar 10
North American Sprint, RTTY	0000Z-0400Z, Mar 10
Wisconsin QSO Party	1800Z, Mar 10 to 0100Z, Mar 11
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Mar 11
SARL VHF/UHF Analogue Contest	1600Z, Mar 15 to 1000Z, Mar 17
BARTG HF RTTY Contest	0200Z, Mar 16 to 0200Z, Mar 18
Russian DX Contest	1200Z, Mar 16 to 1200Z, Mar 17
Louisiana QSO Party	1400Z, Mar 16 to 0200Z, Mar 17
Run for the Bacon QRP Contest	0100Z-0300Z, Mar 18
FOC QSO Party	0000Z-2359Z, Mar 23
SKCC Sprint	0000Z-0200Z, Mar 27
CQ WW WPX Contest, SSB	0000Z, Mar 30 to 2400Z, Mar 31

Contesting cont

April 2019

ARS Spartan Sprint	0100Z-0300Z, Apr 2
SARL 80m QSO Party	1700Z-2000Z, Apr 4
LZ Open 40m Sprint Contest	0400Z-0800Z, Apr 6
PODXS 070 Club PSK 31 Flavors Contest	1000Z, Apr 6 to 0400Z, Apr 7
SP DX Contest	1500Z, Apr 6 to 1500Z, Apr 7
JIDX CW Contest	0700Z, Apr 13 to 1300Z, Apr 14
SKCC Weekend Sprintathon	1200Z, Apr 13 to 2359Z, Apr 14
Georgia QSO Party	1800Z, Apr 13 to 2359Z, Apr 14
Hungarian Straight Key Contest	1500Z-1700Z, Apr 14

***** AARA CONTESTERS ON THE AIR *****

2019 CQ 160-METER CONTEST -- CW RESULTS

STATION	CATEGORY	QSOs	ST/P	CTY	CLAIMED SCORE
N2ZX	SO (H) A	1007	58	66	511,376
W2GDJ	SO (H) A	569	56	48	238,680
N2SQW	SO (H) A	377	52	34	102,684
K2XA	SO (H)	164	31	33	45,888
WA3AFS	SO (H) A	123	47	22	32,706

73,
Sue, N2LBR sue.walt@dososaur.com

W6RO aboard the *Queen Mary* to Celebrate 40th Anniversary in April

ARRL Letter 2/28/19

The 50-member volunteer crew of the *Queen Mary* W6RO Nate Brightman Wireless Room will mount a month-long special event in April to mark the 40th anniversary of the station's opening on the museum ship in Long Beach, California.

Launched April 22, W6RO was the first of what has grown to more than 100 Amateur Radio stations based on museum ships around the world. Crew members work tirelessly to keep W6RO on the air and make as many contacts as possible during April.

Station manager David Akins, N6HHR, has set a goal of 1,000 logged contacts during the 30-day event. A commemorative QSL card [will be available](#) with an SASE.

Founded by Nate Brightman, K6OSC (SK), W6RO is the club station of the Associated Radio Amateurs of Long Beach.

Do you have an idea?

We need a program for the dinner April 12th - please let Ken know about the idea

Carole Perry, WB2MGP, is First Recipient of Award Named in Her Honor

ARRL Newsletter 2/28/19



ARRL congratulates Amateur Radio educator Carole Perry, WB2MGP, for being the first recipient of the newly established Carole Perry Educator of the Year Award, presented on February 9 by Orlando HamCation®. The award, to be given annually in Perry's name, recognizes outstanding dedication in educating and advancing to-day's youth about Amateur Radio.

A fellow and director of the Radio Club of America (RCA), Perry is a past Dayton Hamvention® Amateur of the Year and a recipient of the ARRL Instructor of the Year Award. She sits on the RCA Scholarship Committee and chairs the RCA Youth Activities Committee, which she established in 2007.

Perry has moderated the Hamvention Youth Forum for 31 years. The 2019 Orlando HamCation was the ARRL Southeastern Division Convention.

KickSat-2 is Alive and Being Tracked

ARRL 02/19/2019

For the first couple of days after the 3U KickSat-2 was deployed from *Cygnus NG-10* last November, nothing was heard from the satellite. But in a February 16 **post** to AM-SAT-BB, Nico Janssen, PA0DLO, reported receiving several short and weak transmissions from KickSat 2 — short telemetry bursts on 437.5077 MHz. Assistant Professor of Aeronautics and Astronautics at Stanford University Zac Manchester, KD2BHC, is the principal investigator for the KickSat project, which NASA adopted as an official mission.

"Yes, KickSat-2 is alive," Manchester told ARRL. "We have been tracking it since Thursday, [February 14,] and have been able to decode at least some packets. The signal is weak and we think the antenna did not properly deploy on the CubeSat."

KickSat-2 is scheduled to deploy up to 104 tiny Sprite satellites into low Earth orbit. The Sprites then would transmit on 437.240 MHz at 10 mW, communicating with each other via a mesh network and with command stations on

Earth. The Sprites, which are less than 2 square inches, are expected

to reenter Earth's atmosphere within weeks. Manchester did not indicate if attempts would be made to deploy the Sprites.

NASA calls KickSat-2 a technology demonstration mission that's designed to demonstrate the deployment and operation of prototype Sprite "ChipSats," also known as "femtosatellites."

The FCC recently imposed a \$900,000 penalty on a commercial concern, Swarm Technologies, for launching similar tiny satellites after the FCC had denied permission.

"These spacecraft are therefore below the size threshold at which detection by the Space Surveillance Network can be considered routine," the FCC told Swarm Technologies.

Manchester had been trying without success to convince the FCC to allow him to deploy the Sprites from KickSat-2, but, apparently gun shy after the Swarm action, the agency denied permission at the last moment.

Once NASA adopted KickSat-2 as its own mission, however, the regulatory body shifted to the National Telecommunications and Information Administration (NTIA), and the launch went forward.

In the Swarm Technologies proceeding, the FCC has argued that satellites smaller than 10 centimeters on any side were too small, although the agency has been accused of inconsistency in its approach to licensing small satellites. KickSat-2's Sprites are 3.5 centimeters on the side and just 0.2 centimeters thick. Manchester's 2014 KickSat was unable to deploy its Sprites before deorbiting.

The FCC issued an *Enforcement Advisory* last April to remind satellite operators that they must obtain FCC authorization for space station and Earth station operations. The advisory cautioned satellite operators and launch companies against proceeding with launch arrangements following a license denial or prior to receiving an FCC authorization.

Manchester is reported to be developing a plan to deploy a group of small satellites to survey the sky in the LF radio range, something that cannot be done from the ground owing to the ionosphere.

Are You Changing Your Address: Please contact Mike, WD2AJS@nycap.rr.com with your address corrections

edited by Mike Bergman, WD2AJS, 45 Swartson Ct., Albany, NY 12209 518 489-3110. **Articles** and B-PLUS **Swap Shop items** accepted and solicited via mail, phone, or e-mail to wd2ajs@nycap.rr.com

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